Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064633.D
Acq On : 29 Oct 2025 21:40
Operator : RC/JU
Sample : Q3468-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-13

Quant Time: Oct 30 04:59:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	31875	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	122159	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	91004	20.000	ng	0.00
64) Phenanthrene-d10	17.570	188	219936	20.000	ng	0.00
76) Chrysene-d12	21.848	240	277573	20.000	ng	-0.02
86) Perylene-d12	25.185	264	306088	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	119700	63.032	ng	0.00
7) Phenol-d6	7.347	99	103441	39.696	ng	0.00
23) Nitrobenzene-d5	9.380	82	229863	113.018	ng	-0.01
42) 2,4,6-Tribromophenol	16.313	330	224545	170.957	ng	-0.01
45) 2-Fluorobiphenyl	13.469	172	568749	94.730	ng	0.00
79) Terphenyl-d14	20.167	244	1334202	90.710	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	14926	17.753	ng	# 1
19) n-Nitroso-di-n-propyla...	9.380	70	31773	17.643	ng	# 66
26) 2-Nitrophenol	9.950	139	207	3.357	ng	# 29
48) 2-Nitroaniline	14.016	65	69	3.264	ng	# 10
51) 2,6-Dinitrotoluene	14.838	165	11812	12.789	ng	# 20
57) 2,4-Dinitrotoluene	14.838	165	11812	9.277	ng	# 22
63) Azobenzene	16.178	77	14897	2.283	ng	# 4
65) 4,6-Dinitro-2-methylph...	16.313	198	629	6.003	ng	# 81
67) 4-Bromophenyl-phenylether	16.313	248	14529	5.575	ng	# 1
77) Benzidine	20.161	184	20285	3.262	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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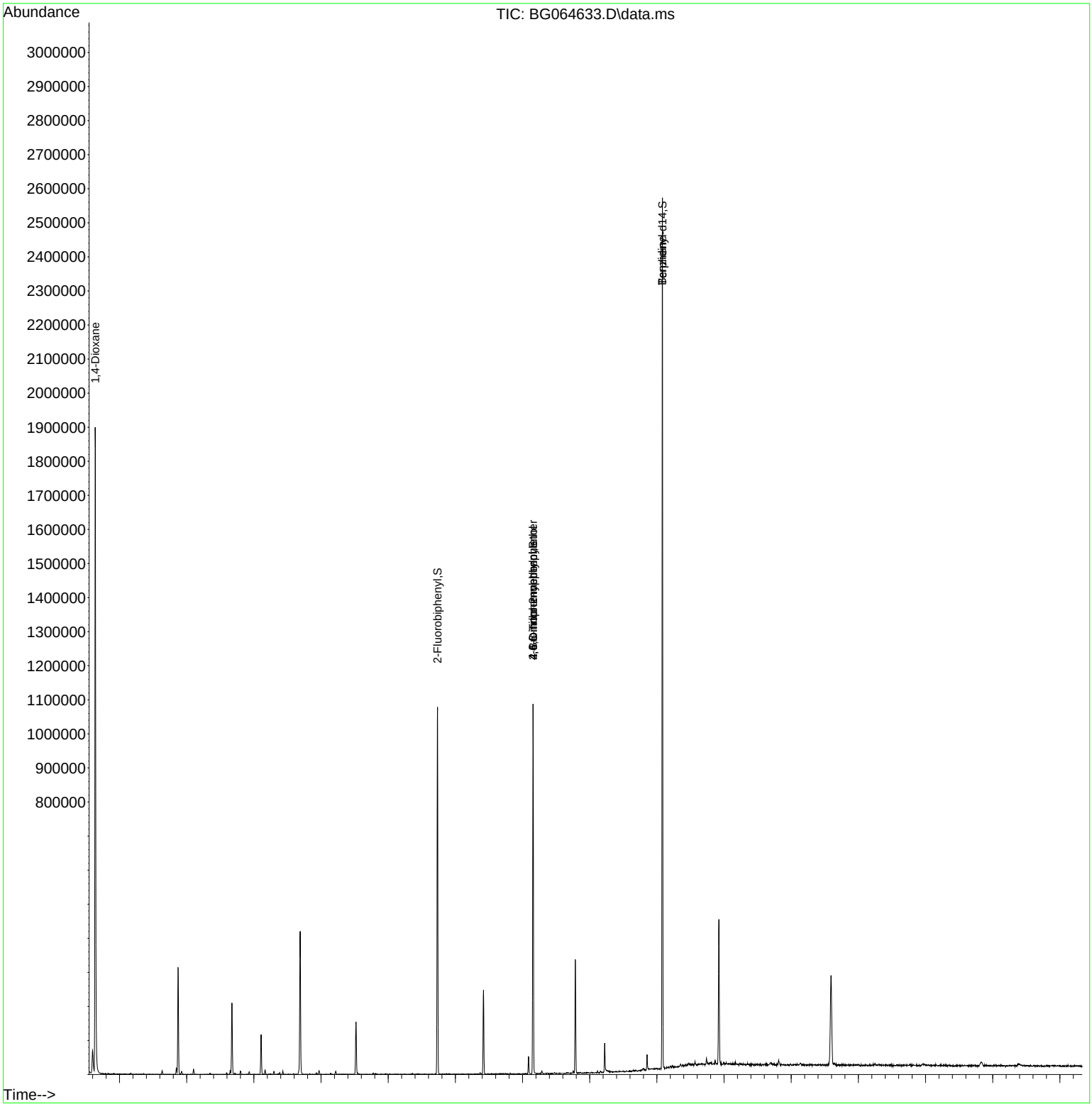
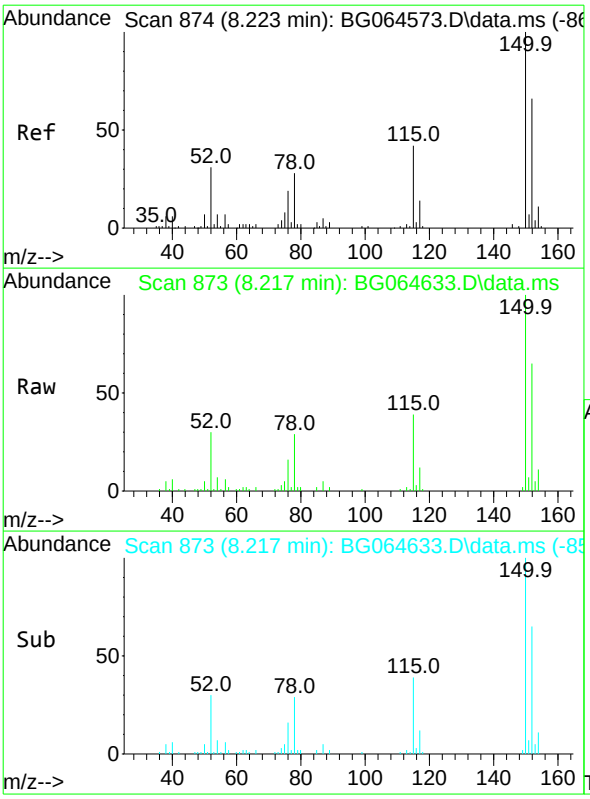


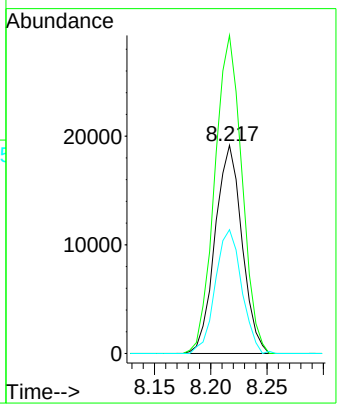


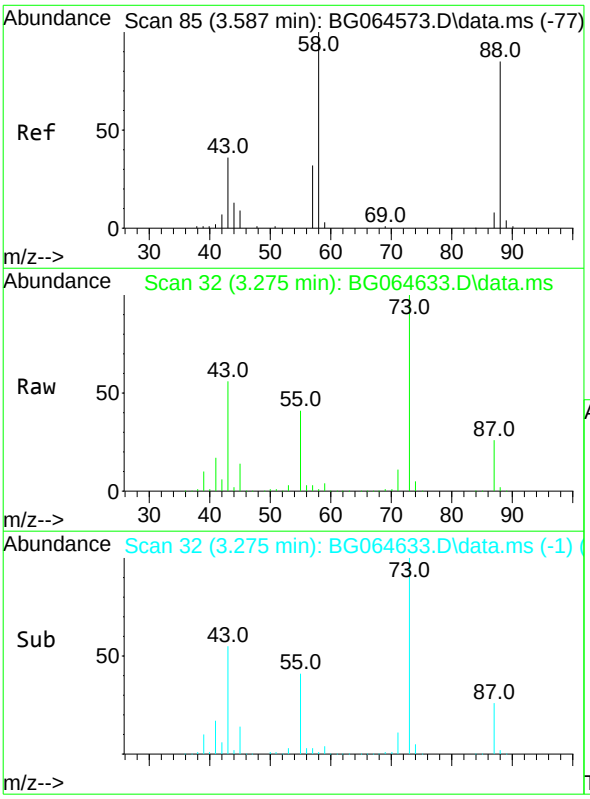
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 87
Delta R.T. -0.004 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Instrument :
BNA_G
ClientSampleId :
MW-13

Tgt Ion:152 Resp: 31875

Ion	Ratio	Lower	Upper
152	100		
150	152.8	122.2	183.4
115	59.5	50.8	76.2

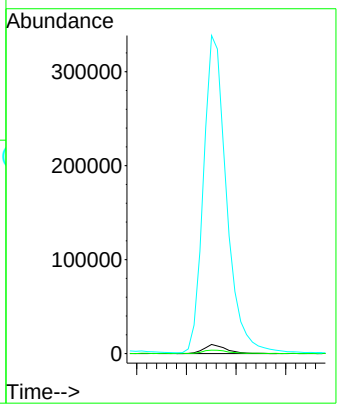


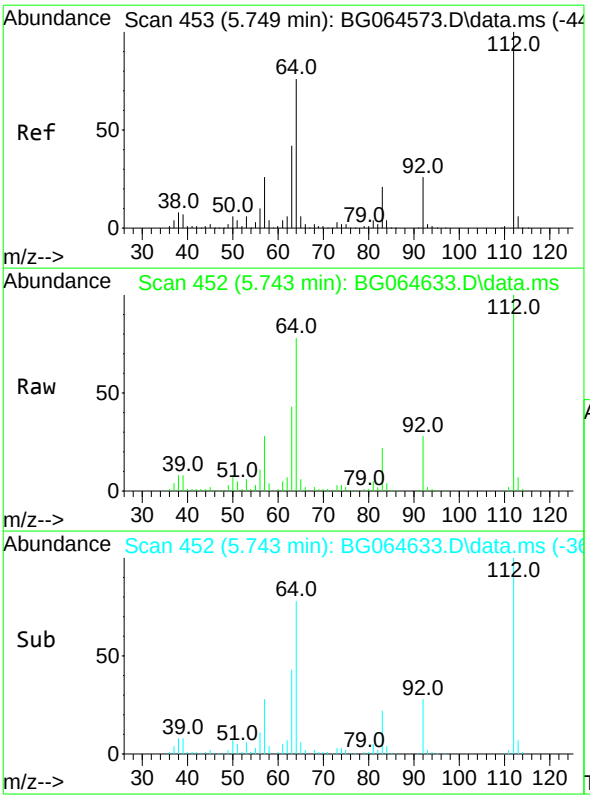


#2
1,4-Dioxane
Concen: 17.753 ng
RT: 3.275 min Scan# 32
Delta R.T. -0.315 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Tgt Ion: 88 Resp: 14926

Ion	Ratio	Lower	Upper
88	100		
58	48.3	92.4	138.6#
43	3658.1	33.0	49.6#



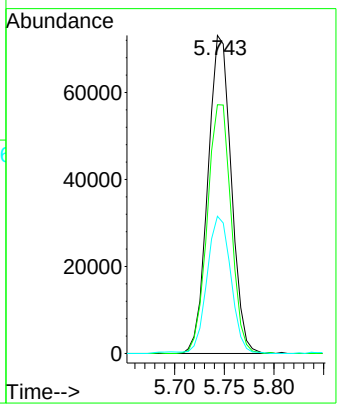


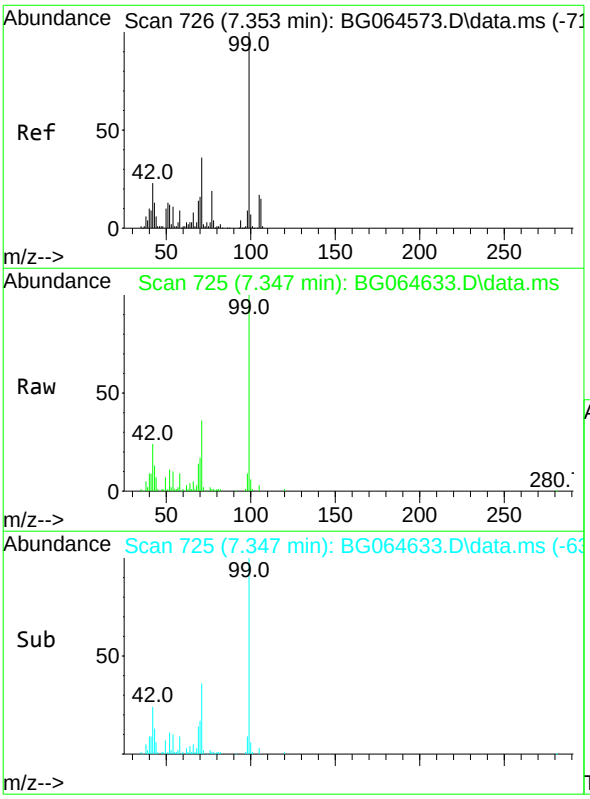
#5
2-Fluorophenol
Concen: 63.032 ng
RT: 5.743 min Scan# 45
Delta R.T. -0.004 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Instrument :
BNA_G
ClientSampleId :
MW-13

Tgt Ion:112 Resp: 119700

Ion	Ratio	Lower	Upper
112	100		
64	78.2	60.7	91.1
63	43.2	33.4	50.0

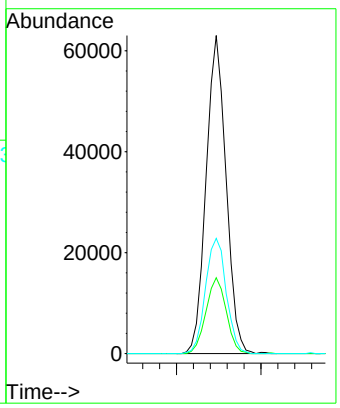


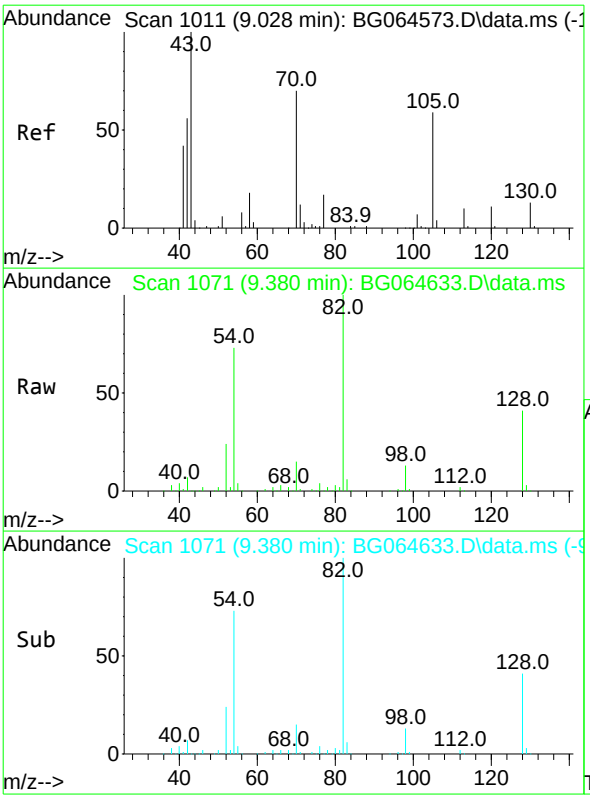


#7
Phenol-d6
Concen: 39.696 ng
RT: 7.347 min Scan# 725
Delta R.T. -0.010 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Tgt Ion: 99 Resp: 103441

Ion	Ratio	Lower	Upper
99	100		
42	23.8	18.3	27.5
71	36.2	28.6	43.0



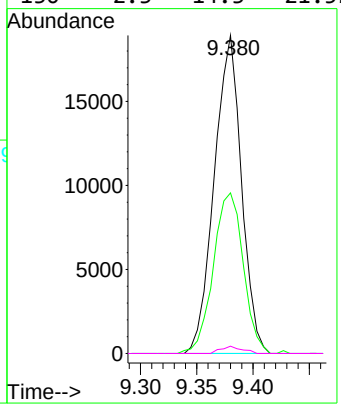


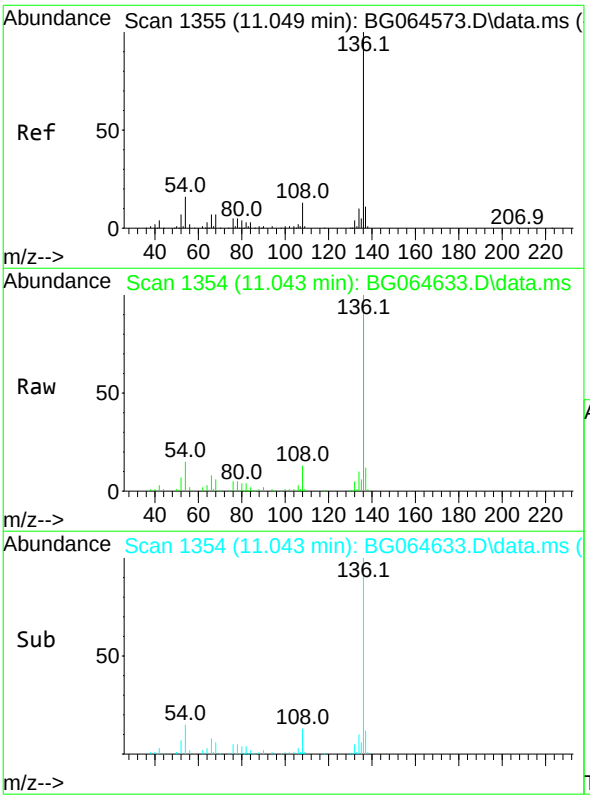
#19
n-Nitroso-di-n-propylamine
Concen: 17.643 ng
RT: 9.380 min Scan# 10
Delta R.T. 0.349 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Instrument :
BNA_G
ClientSampleId :
MW-13

Tgt Ion: 70 Resp: 31773

Ion	Ratio	Lower	Upper
70	100		
42	50.5	65.2	97.8#
101	0.0	7.9	11.9#
130	2.3	14.3	21.5#

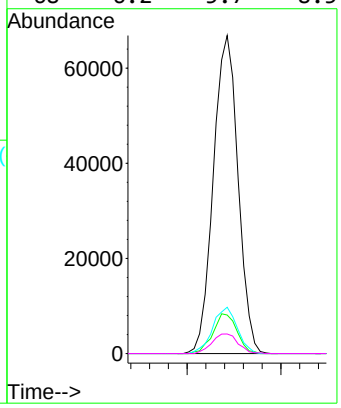


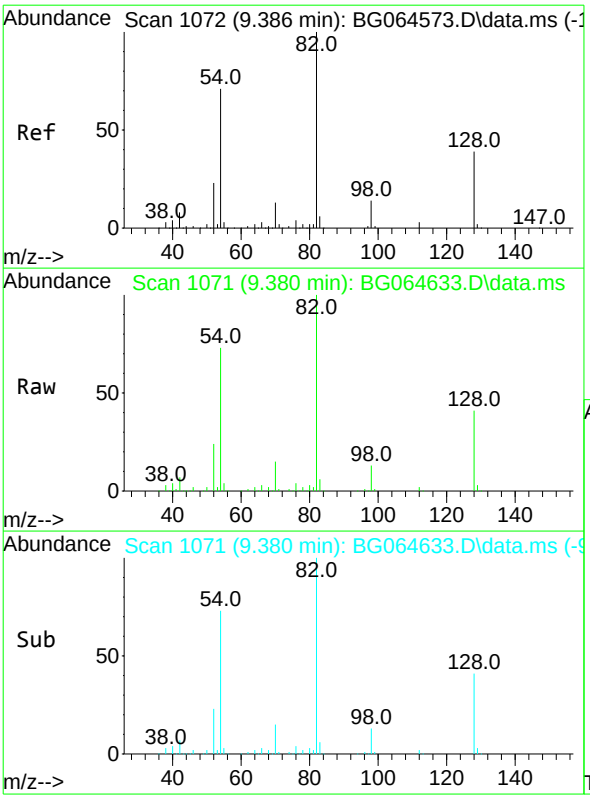


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.010 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Tgt Ion:136 Resp: 122159

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	14.6	12.6	19.0
68	6.2	5.7	8.5



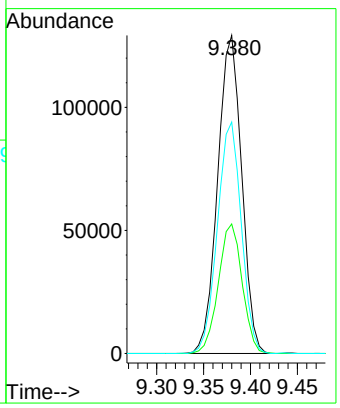


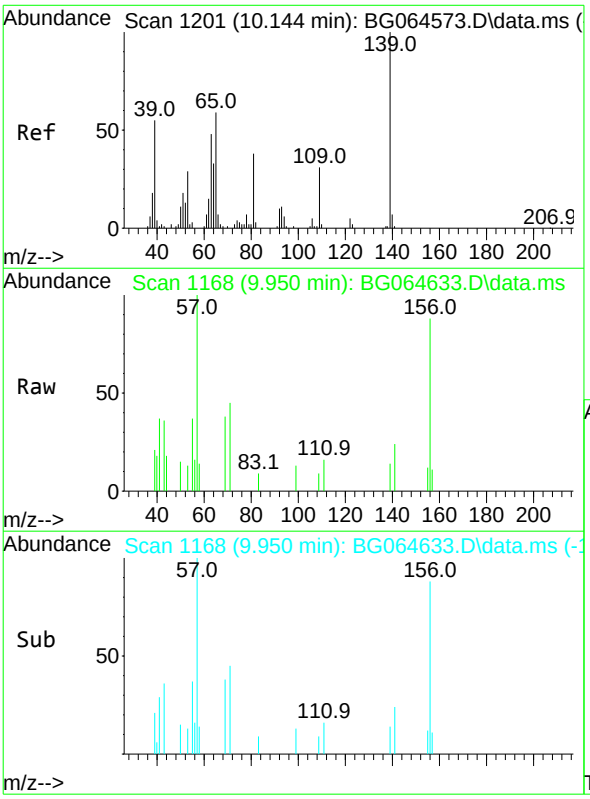
#23
Nitrobenzene-d5
Concen: 113.018 ng
RT: 9.380 min Scan# 10
Delta R.T. -0.010 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Instrument :
BNA_G
ClientSampleId :
MW-13

Tgt Ion: 82 Resp: 229863

Ion	Ratio	Lower	Upper
82	100		
128	40.7	31.3	46.9
54	72.8	56.6	84.8

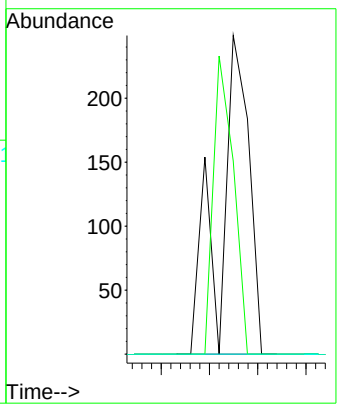


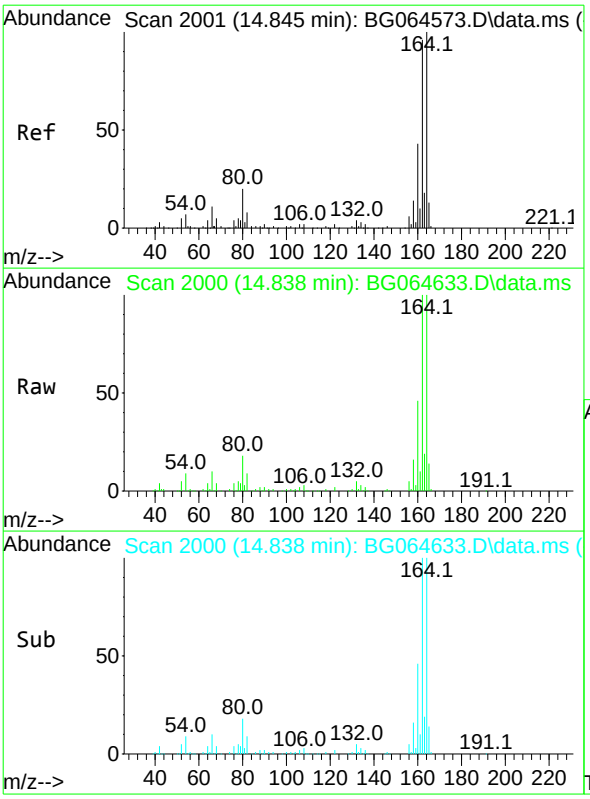


#26
2-Nitrophenol
Concen: 3.357 ng
RT: 9.950 min Scan# 1168
Delta R.T. -0.198 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Tgt Ion:139 Resp: 207

Ion	Ratio	Lower	Upper
139	100		
109	60.6	24.6	37.0#
65	0.0	47.5	71.3#



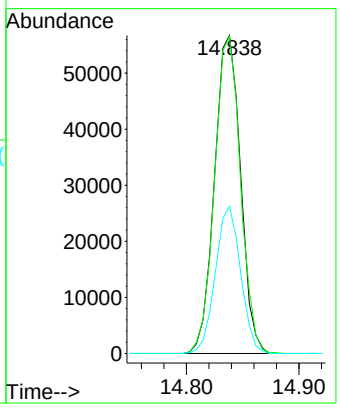


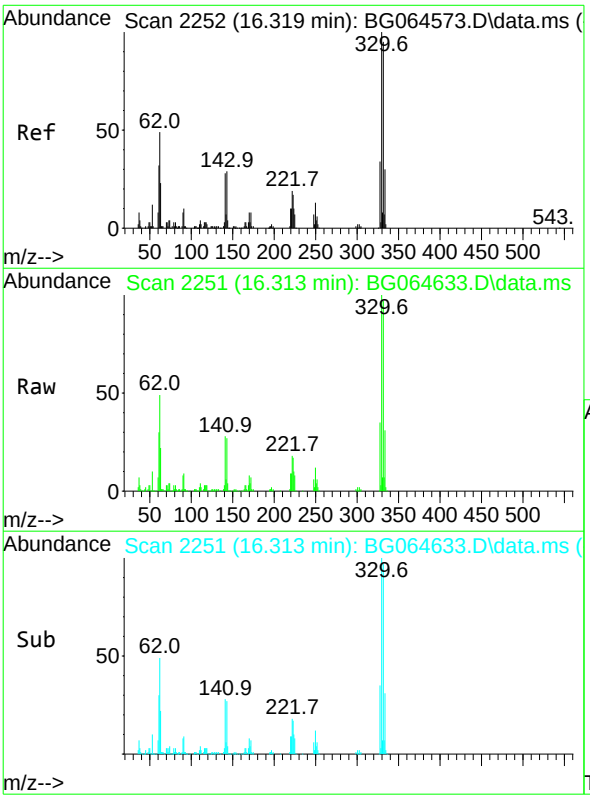
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.838 min Scan# 20
Delta R.T. -0.004 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Instrument :
BNA_G
ClientSampleId :
MW-13

Tgt Ion:164 Resp: 91004

Ion	Ratio	Lower	Upper
164	100		
162	99.7	77.0	115.6
160	46.2	34.4	51.6

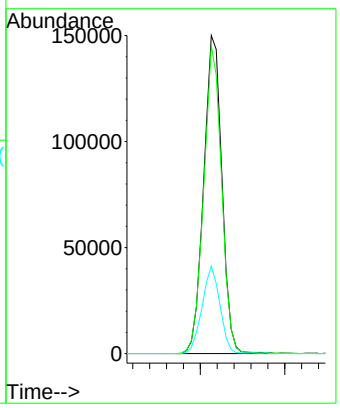


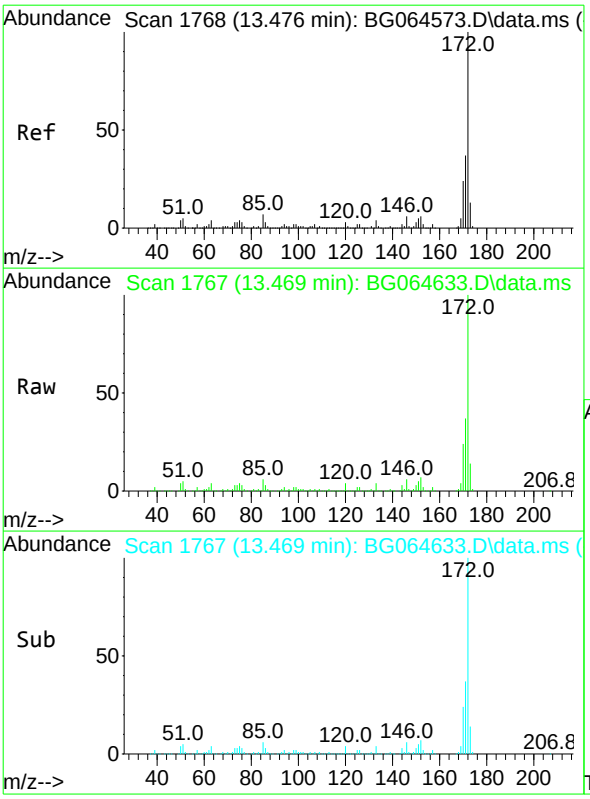


#42
2,4,6-Tribromophenol
Concen: 170.957 ng
RT: 16.313 min Scan# 2251
Delta R.T. -0.010 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Tgt Ion:330 Resp: 224545

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.0	117.0
141	27.1	21.8	32.6



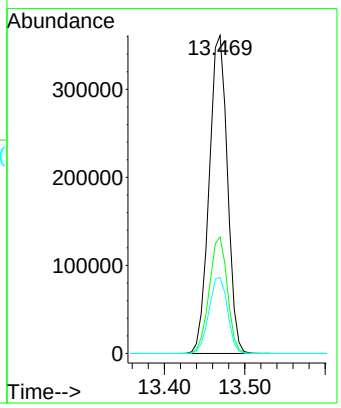


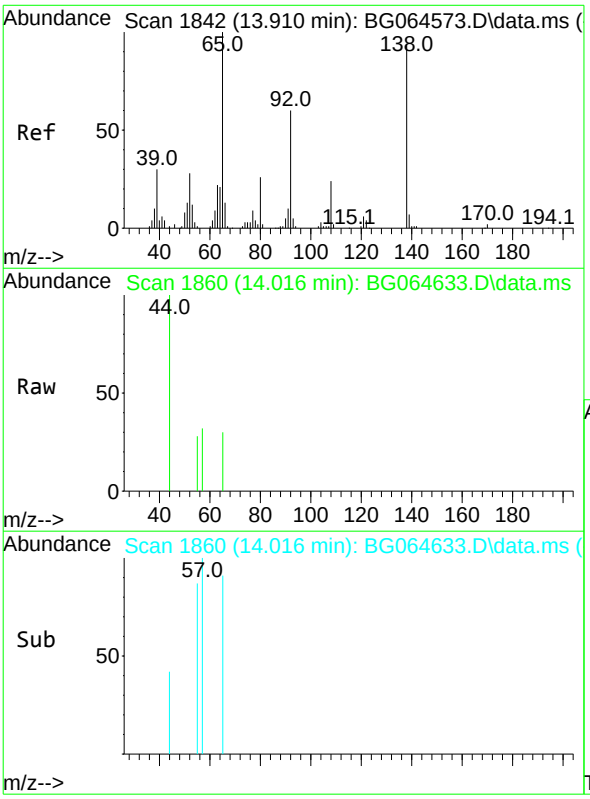
#45
2-Fluorobiphenyl
Concen: 94.730 ng
RT: 13.469 min Scan# 17
Delta R.T. -0.010 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Instrument :
BNA_G
ClientSampleId :
MW-13

Tgt Ion:172 Resp: 568749

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	23.9	19.1	28.7

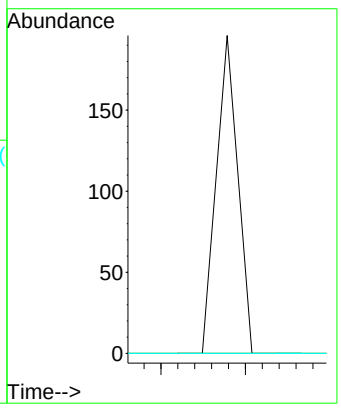


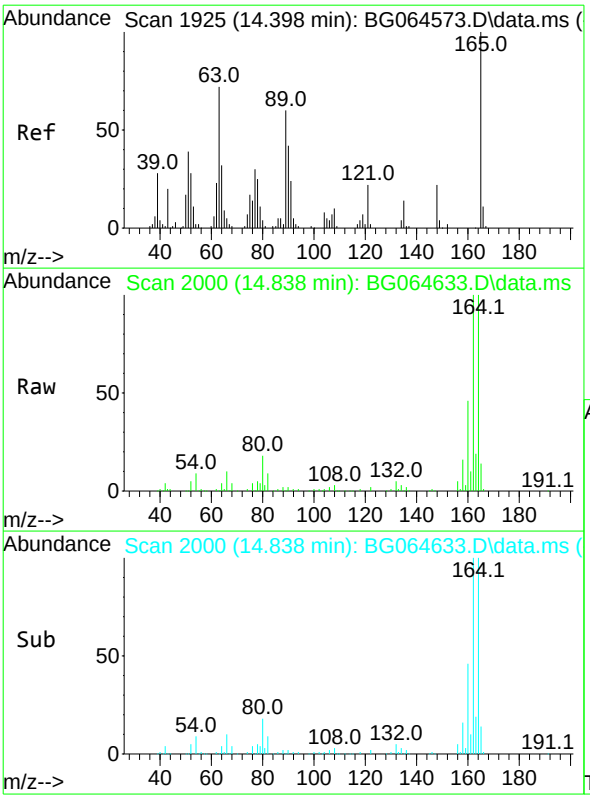


#48
2-Nitroaniline
Concen: 3.264 ng
RT: 14.016 min Scan# 1860
Delta R.T. 0.102 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Tgt Ion: 65 Resp: 69

Ion	Ratio	Lower	Upper
65	100		
92	0.0	48.3	72.5#
138	0.0	74.9	112.3#



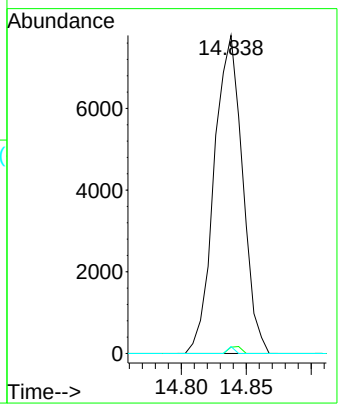


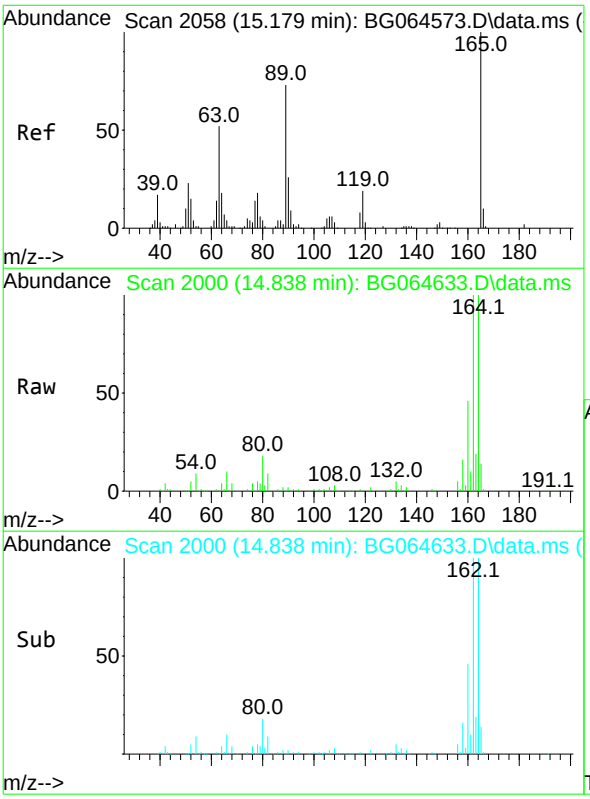
#51
2,6-Dinitrotoluene
Concen: 12.789 ng
RT: 14.838 min Scan# 20
Delta R.T. 0.436 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Instrument :
BNA_G
ClientSampleId :
MW-13

Tgt Ion:165 Resp: 11812

Ion	Ratio	Lower	Upper
165	100		
63	2.0	57.4	86.0#
89	2.2	47.8	71.8#

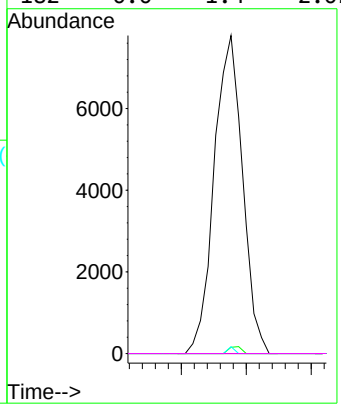


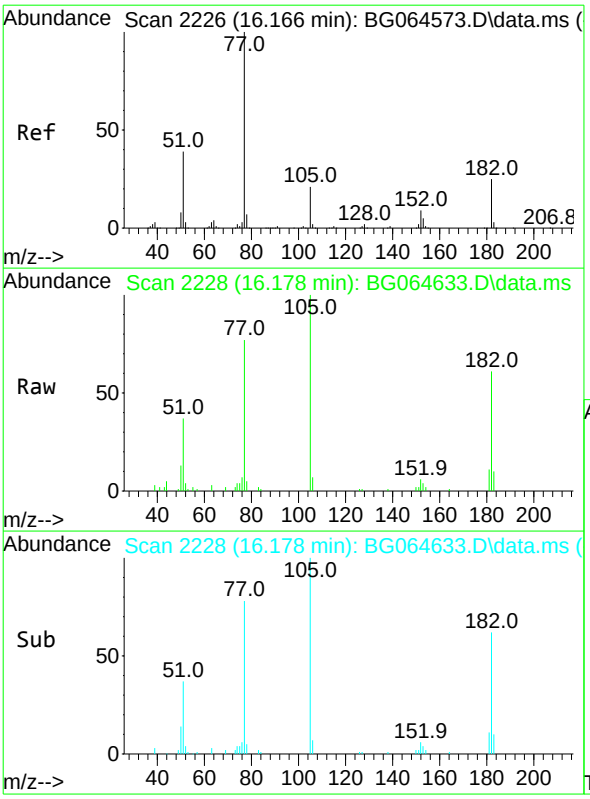


#57
2,4-Dinitrotoluene
Concen: 9.277 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.351 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Tgt Ion:165 Resp: 11812

Ion	Ratio	Lower	Upper
165	100		
63	2.0	41.8	62.8#
89	2.2	58.1	87.1#
182	0.0	1.4	2.0#



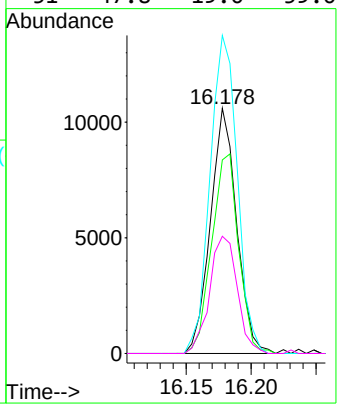


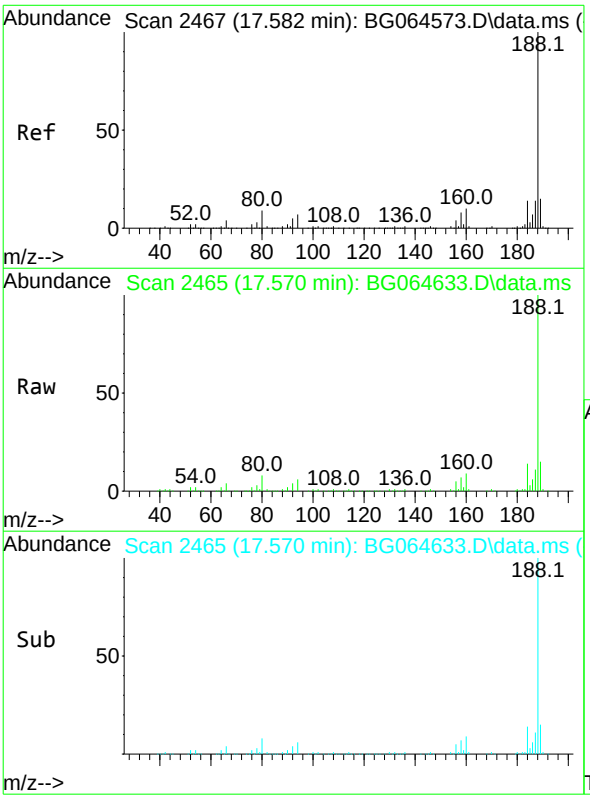
#63
Azobenzene
Concen: 2.283 ng
RT: 16.178 min Scan# 22
Delta R.T. 0.008 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Instrument :
BNA_G
ClientSampleId :
MW-13

Tgt Ion: 77 Resp: 14897

Ion	Ratio	Lower	Upper
77	100		
182	78.9	4.9	44.9#
105	129.7	1.3	41.3#
51	47.8	19.0	59.0

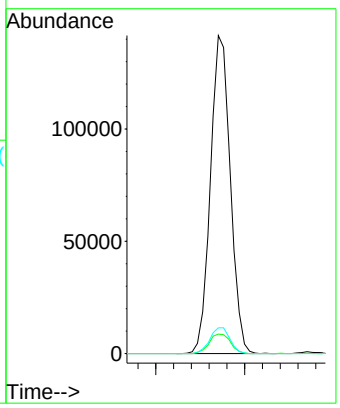


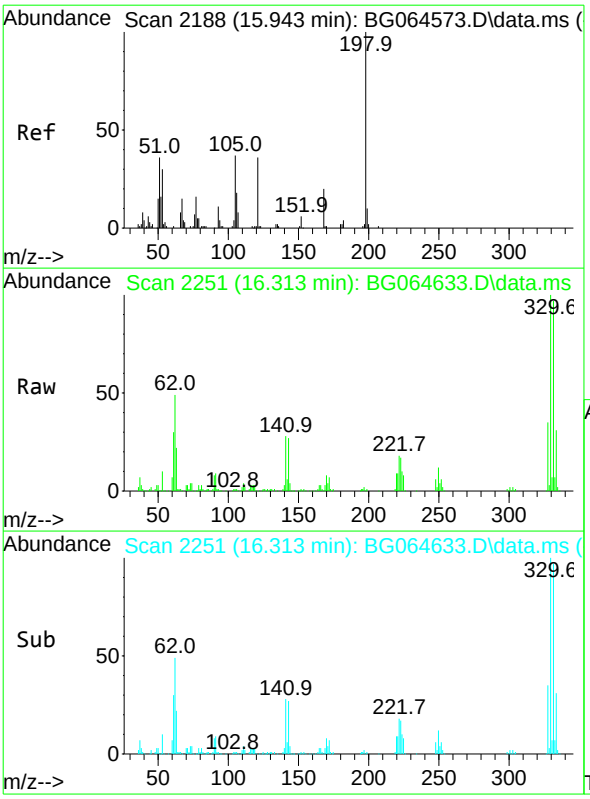


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.570 min Scan# 2465
Delta R.T. -0.010 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Tgt Ion:188 Resp: 219936

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.7	8.5
80	8.1	6.8	10.2



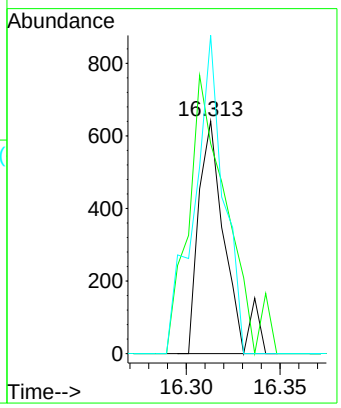


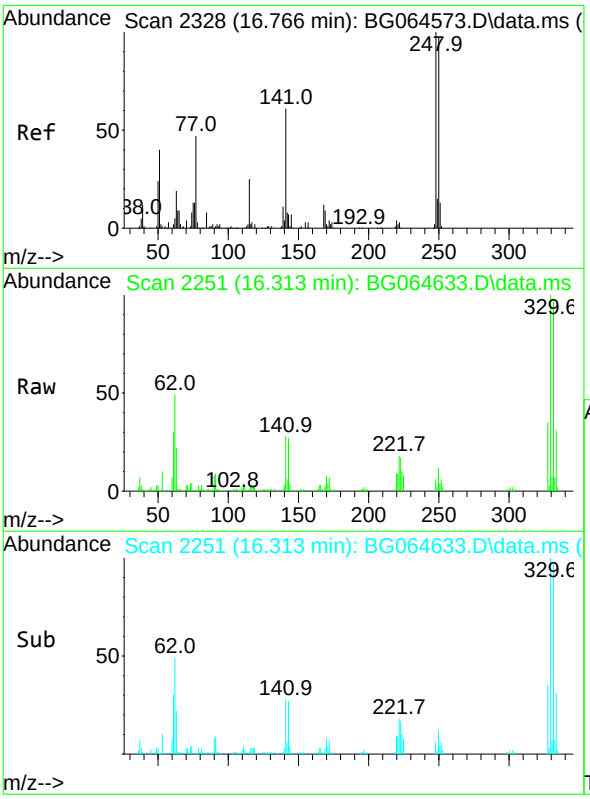
#65
4,6-Dinitro-2-methylphenol
Concen: 6.003 ng
RT: 16.313 min Scan# 22
Delta R.T. 0.366 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Instrument :
BNA_G
ClientSampleId :
MW-13

Tgt Ion:198 Resp: 629

Ion	Ratio	Lower	Upper
198	100		
51	23.8	24.7	64.7#
105	36.1	18.0	58.0

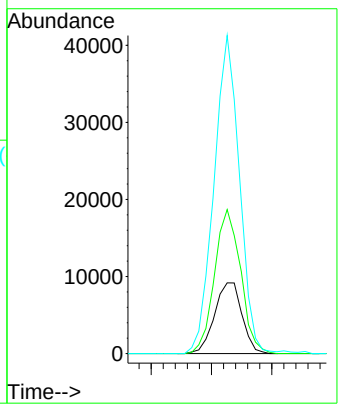


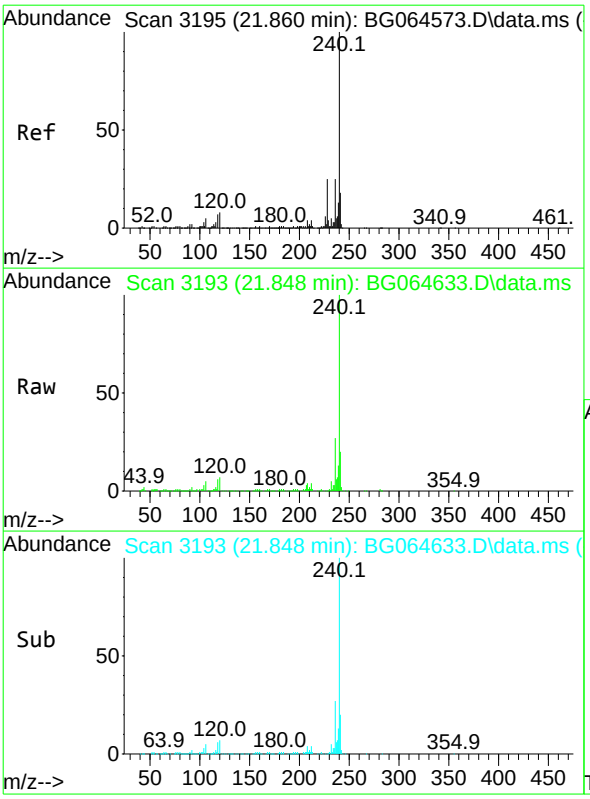


#67
4-Bromophenyl-phenylether
Concen: 5.575 ng
RT: 16.313 min Scan# 2251
Delta R.T. -0.456 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Tgt Ion:248 Resp: 14529

Ion	Ratio	Lower	Upper
248	100		
250	209.1	77.7	116.5#
141	348.3	48.6	72.8#



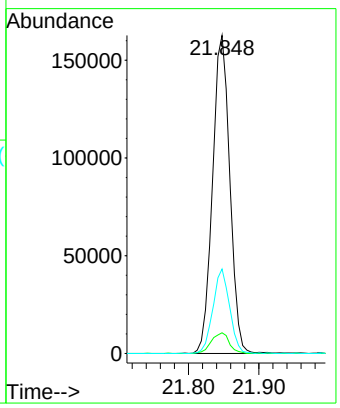


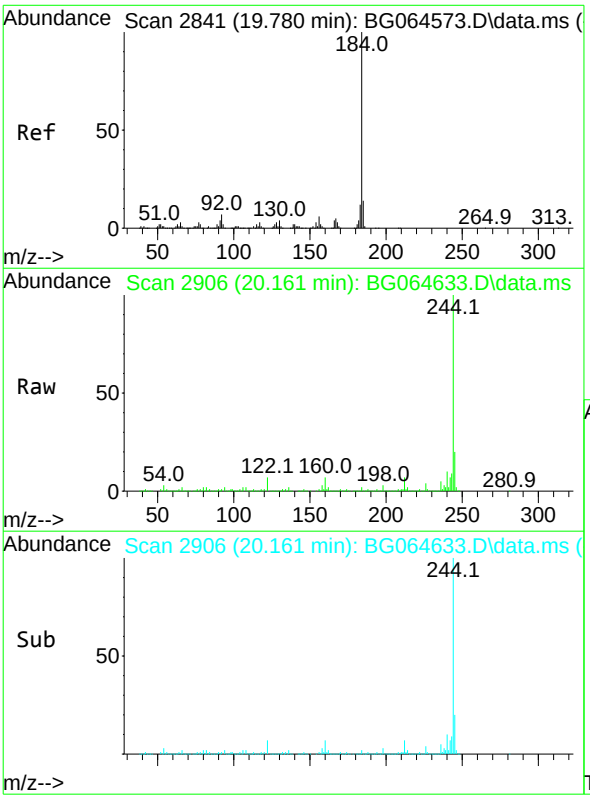
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 31
Delta R.T. -0.016 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Instrument :
BNA_G
ClientSampleId :
MW-13

Tgt Ion:240 Resp: 277573

Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.5	9.7
236	26.6	20.2	30.2

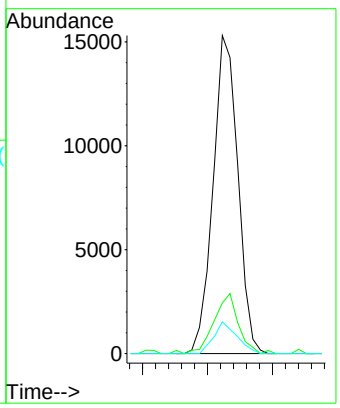


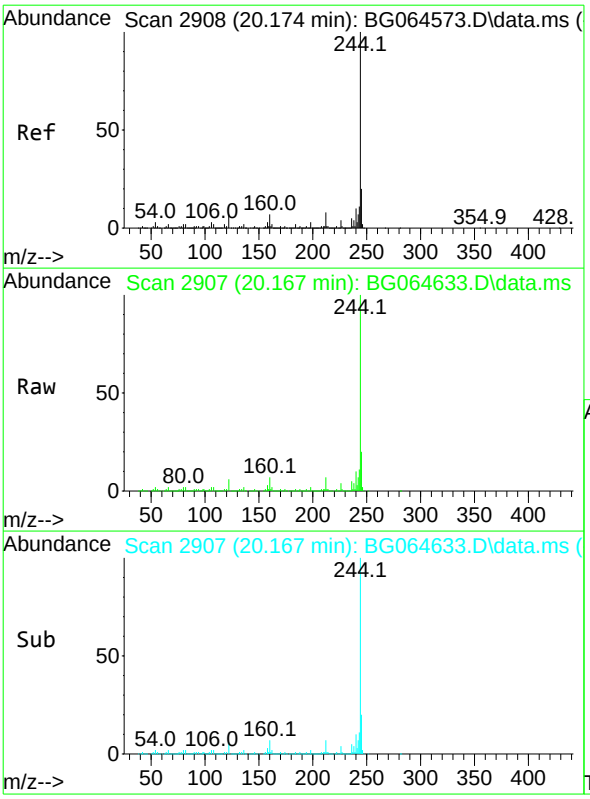


#77
Benzidine
Concen: 3.262 ng
RT: 20.161 min Scan# 2906
Delta R.T. 0.378 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Tgt Ion:184 Resp: 20285

Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.4	17.2
183	10.0	9.4	14.2



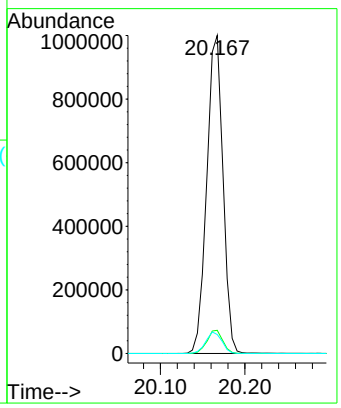


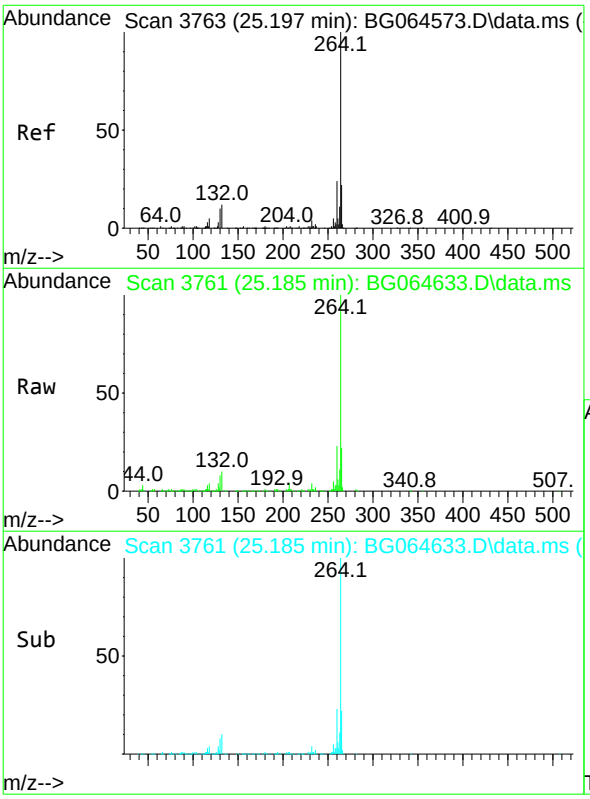
#79
Terphenyl-d14
Concen: 90.710 ng
RT: 20.167 min Scan# 29
Delta R.T. -0.010 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Instrument :
BNA_G
ClientSampleId :
MW-13

Tgt Ion:244 Resp: 1334202

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	6.0	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.185 min Scan# 3761
Delta R.T. -0.016 min
Lab File: BG064633.D
Acq: 29 Oct 2025 21:40

Tgt Ion:264 Resp: 306088

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	22.5	17.6	26.4